

Anti-BDNF antibody

Cat. No.	ml121057
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-BDNF rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human BDNF
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	BDNF
Full name	brain-derived neurotrophic factor
Synonyms	ANON2, BULN2
Swissprot	P23560

Target Background

The protein encoded by this gene is a member of the nerve growth factor family. It is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of this gene is reduced in both Alzheimer's and Huntington disease patients. This gene may play a role in the regulation of stress response and in the biology of mood disorders. Multiple transcript variants encoding distinct isoforms have been described for this gene.

订购热线: 4008-898-798

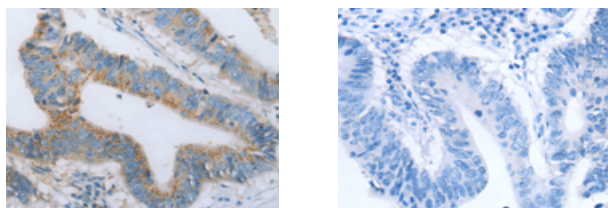
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml121057(BDNF Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 28 kDa

Positive control: Mouse skin tissue

Recommended dilution: 200-1000

Gel: 10% SDS-PAGE

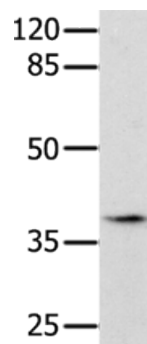
Lysate: 40 μ g

Lane: Mouse skin tissue

Primary antibody: ml121057(BDNF Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



ELISA

Recommended dilution: 1000-2000

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